

Re-run

#11



1638

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/508,377

DATE: 03/18/2002

TIME: 14:17:04

Input Set : N:\Crf3\Refhold\I508377.raw
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1 <110> APPLICANT: KALEEN, ZHONGYILI
 2 MORELL, MATTHEW
 3 RAHMAN, SADEQUR
 4 <120> TITLE OF INVENTION: REGULATION OF GENE EXPRESSION IN PLANTS
 5 <130> FILE REFERENCE: 054270/0126
 6 <140> CURRENT APPLICATION NUMBER: US/09/508,377
 7 <141> CURRENT FILING DATE: 2000-06-09
 8 <150> PRIOR APPLICATION NUMBER: AU PP 2509
 9 <151> PRIOR FILING DATE: 1998-03-20
 10 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00743
 11 <151> PRIOR FILING DATE: 1998-09-11
 12 <150> PRIOR APPLICATION NUMBER: AU PP 9108
 13 <151> PRIOR FILING DATE: 1997-09-12
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 15 <170> SOFTWARE: PatentIn Ver. 2.1
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 20 <213> ORGANISM: Artificial Sequence
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 45 <211> LENGTH: 18
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97 acgcccaggac acgctctcag acattgtatca cctacgatac aagtacatga acgcatttgc 1860

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100 cttcaatttt catcccagta aaacttatga tggttacaaa gtcggatgtg atttgctgg 2040
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102 ccagtacaac gatcacttca cgtcacctga aggagatcca ggagtagtcc aaacaaactt 2160
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109 gtgcagactt gagattctgg ctggacttt gctgaggtta cctactatat agaaagataa 2580
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122 35 40 45
123 Thr Ala Glu Asp Gly Val Gly Asp Leu Pro Ile Tyr Asp Leu Asp Pro
124 50 55 60
125 Lys Phe Ala Gly Phe Lys Glu His Phe Ser Tyr Arg Met Lys Lys Tyr
126 65 70 75 80
127 Leu Asp Gln Lys His Ser Ile Glu Lys His Glu Gly Gly Leu Glu Glu
128 85 90 95
129 Phe Ser Lys Gly Tyr Leu Lys Phe Gly Ile Asn Thr Glu Asn Asp Ala
130 100 105 110
131 Thr Val Tyr Arg Glu Trp Ala Pro Ala Ala Met Asp Ala Gln Leu Ile
132 115 120 125
133 Gly Asp Phe Asn Asn Trp Asn Gly Ser Gly His Arg Met Thr Lys Asp
134 130 135 140
135 Asn Tyr Gly Val Trp Ser Ile Arg Ile Ser His Val Asn Gly Lys Pro
136 145 150 155 160
137 Ala Ile Pro His Asn Ser Lys Val Lys Phe Arg Phe His Arg Gly Asp
138 165 170 175
139 Gly Leu Trp Val Asp Arg Val Pro Ala Trp Ile Arg Tyr Ala Thr Phe
140 180 185 190
141 Asp Ala Ser Lys Phe Gly Ala Pro Tyr Asp Gly Val His Trp Asp Pro
142 195 200 205
143 Pro Ser Gly Glu Arg Tyr Val Phe Lys His Pro Arg Pro Arg Lys Pro
144 210 215 220
145 Asp Ala Pro Arg Ile Tyr Glu Ala His Val Gly Met Ser Gly Glu Arg
146 225 230 235 240
147

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Output Set: N:\CRF3\03182002\I508377.raw

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151           260          265          270
152 His Ser Ile Leu Cys Phe Phe Trp Tyr His Val Thr Asn Phe Phe Ala
153           275          280          285
154 Val Ser Ser Arg Ser Gly Thr Pro Glu Asp Leu Lys Tyr Leu Val Asp
155           290          295          300
156 Lys Ala His Ser Leu Gly Leu Arg Val Leu Met Asp Val Val His Ser
157           305          310          315          320
158 His Ala Ser Ser Asn Met Thr Asp Gly Leu Asn Gly Tyr Asp Val Gly
159           325          330          335
160 Gln Asn Thr Gln Glu Ser Tyr Phe His Thr Gly Glu Arg Gly Tyr His
161           340          345          350
162 Lys Leu Trp Asp Ser Arg Leu Phe Asn Tyr Ala Asn Trp Glu Val Leu
163           355          360          365
164 Arg Tyr Leu Leu Ser Asn Leu Arg Tyr Trp Met Asp Glu Phe Met Phe
165           370          375          380
166 Asp Gly Phe Arg Phe Asp Gly Val Thr Ser Met Leu Tyr Asn His His
167           385          390          395          400
168 Gly Ile Asn Met Ser Phe Ala Gly Asn Tyr Lys Glu Tyr Phe Gly Leu
169           405          410          415
170 Asp Thr Asp Val Asp Ala Val Val Tyr Met Met Leu Ala Asn His Leu
171           420          425          430
172 Met His Lys Ile Leu Pro Glu Ala Thr Val Val Ala Glu Asp Val Ser
173           435          440          445
174 Gly Met Pro Val Leu Cys Arg Ser Val Asp Glu Gly Gly Val Gly Phe
175           450          455          460
176 Asp Tyr Arg Leu Ala Met Ala Ile Pro Asp Arg Trp Ile Asp Tyr Leu
177           465          470          475          480
178 Lys Asn Lys Asp Asp Leu Glu Trp Ser Met Ser Ala Ile Ala His Thr
179           485          490          495
180 Leu Thr Asn Arg Arg Tyr Thr Glu Lys Cys Ile Ala Tyr Ala Glu Ser
181           500          505          510
182 His Asp Gln Ser Ile Val Gly Asp Lys Thr Met Ala Phe Leu Leu Met
183           515          520          525
184 Asp Lys Glu Met Tyr Thr Gly Met Ser Asp Leu Gln Pro Ala Ser Pro
185           530          535          540
186 Thr Ile Asp Arg Gly Ile Ala Leu Gln Lys Met Ile His Phe Ile Thr
187           545          550          555          560
188 Met Ala Leu Gly Gly Asp Gly Tyr Leu Asn Phe Met Gly Asn Glu Phe
189           565          570          575
190 Gly His Pro Glu Trp Ile Asp Phe Pro Arg Glu Gly Asn Asn Trp Ser
191           580          585          590
192 Tyr Asp Lys Cys Arg Arg Gln Trp Ser Leu Ser Asp Ile Asp His Leu
193           595          600          605
194 Arg Tyr Lys Tyr Met Asn Ala Phe Asp Gln Ala Met Asn Ala Leu Asp
195           610          615          620
196 Asp Lys Phe Ser Phe Leu Ser Ser Lys Gln Ile Val Ser Asp Met

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Input Set : N:\Crf3\Refhold\I508377.raw
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201	660	665	670	
202	Cys Asp Leu Pro Gly Lys Tyr Lys Val Ala Leu Asp Ser Asp Ala Leu			
203	675	680	685	
204	Met Phe Gly Gly His Gly Arg Val Ala Gln Tyr Asn Asp His Phe Thr			
205	690	695	700	
206	Ser Pro Glu Gly Val Pro Gly Val Pro Glu Thr Asn Phe Asn Asn Arg			
207	705	710	715	720
208	Pro Asn Ser Phe Lys Val Leu Ser Pro Pro Arg Thr Cys Val Ala Tyr			
209	725	730	735	
210	Tyr Arg Val Glu Glu Lys Ala Glu Lys Pro Lys Asp Glu Gly Ala Ala			
211	740	745	750	
212	Ser Trp Gly Lys Ala Ala Pro Gly Tyr Ile Asp Val Glu Ala Thr Arg			
213	755	760	765	
214	Val Lys Asp Ala Ala Asp Gly Glu Ala Thr Ser Gly Ser Lys Lys Ala			
215	770	775	780	
216	Ser Thr Gly Gly Asp Ser Ser Lys Lys Gly Ile Asn Phe Val Phe Gly			
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219	805			
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228	accgtgtacc gacgtccttg taatattcct gctattgcta gtagtagcaa tactgtcaaa 180			
229	ctgtcagac ttgagattct ggcttggact ttgctgaggt tacctactat atagaaaagat 240			
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/508,377

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